



City of Cedar Rapids
INFRASTRUCTURE COMMITTEE MEETING MINUTES
City Hall – Council Chambers
Tuesday, April 19, 2016

Meeting was called to order at 4:00 p.m. by Council Member Scott Olson.

Committee Members Present: Council members Scott Olson, Chair; Ralph Russell and Justin Shields.

City Director Team: Jen Winter, Public Works Director; Emily Muhlbach, Communications Coordinator; Sandra Fowler, Assistant City Manager Development Services; Steve Hershner, Utilities Director; Jeff Pomeranz, City Manager.

Presenters: Garrett Prestegard, Project Engineer; Doug Wilson, Engineering Program Manager; Mike Duffy; Street Superintendent; Sandy Pumphrey, Project Engineer; Bruce Jacobs, Utilities Engineering Manager.

1. Approval of Minutes from March 15, 2016 meeting.

ACTION: Ralph Russell attended in person, not by phone. The minutes were approved as corrected. All in favor.

2. **Presentation/Handout** – Storm Water Master Plan – *Garrett Prestegard*

HDR Engineering has recently completed an initial draft of an update to the Master Plan. The updated Master Plan will use to identify and move forward with capital improvements to address the highest priority storm water needs. In the next month, HDR Engineering will address the City comments and complete revisions. The plan will be brought to the Infrastructure Committee at the June 2016 meeting with a recommendation request that the updated Stormwater Master Plan be presented for adoption by the full City Council in July 2016.

Response to Committee questions:

Has City had plan like this before? Yes, the plan was last updated in 1998. Information from the 1998 plan has been incorporated into this update.

Besides storm water utility fees are projects funded from bonds? Since 2014 SWU has funded own improvements.

Of the potential \$75-\$100M projects from the modeling is that just capital improvements or does it include maintenance issues as well? Potential needs include conveyance improvements and known asset condition improvements.

How does the Master Plan identify which issue/project is first? The Master Plan outlines a prioritization system that uses weighted criteria to rank projects. The criteria include health and safety; cost benefit; capacity; water quality/environment; coordination with other City projects; and future growth/sustainability.

Flooding on J and Bowling from Prairie Creek, is that within the 97 identified issues? The issue is identified within the Master Plan. There are currently higher priority projects that the City is working on.

Should we make a financial commitment through revenue bonds? We will work with Finance to look at different scenarios.

Instead of working in watersheds, look at each basin when determining best use of revenue/bonds. Interest cost of bonds may be financially feasible.

3. **Update/Handout** – Paving for Progress – *Doug Wilson*

List provided for 2016 Paving for Progress Construction Projects. Bid received for the McCloud Run Bridge project was rejected at the April 12, 2016 Council Meeting. A summary updating plan for bridge replacement or rehabilitation will be presented at the committee meeting. Staff is currently evaluating options.

Response to Committee questions:

Regarding bridge project, if rehab instead of replace does Grant change? Grant is for replacement only which provides 100-year lifespan, where rehab is a 40-year lifespan therefore replacement is best investment.

When bid savings how are funds allocated? City staff meets annually to plan allocations.

What is reason for 6th Street delay? Trucking company is expanding and in plan is adding turn lanes.

What is status of 16th Ave extension? Currently in design phase, on schedule for FY17.

Why is finish on 1st Ave different than 1st St? Existing road had asphalt overlay, new asphalt will fade to match over time.

Is there a design concept for 34th Street improvements? Work session scheduled with Council. Plans presented to public were preliminary concept plan for feedback, not recommend plan.

Any work on Ellis Rd to 6th St connection? Public works staff looking at options

4. **Update** – Street Maintenance Projects – *Mike Duffy*

Paving for progress projects underway are 3rd Street SW; F Avenue NE and Hazel Driver NE.

Winter clean up taking place is sod repairs; equipment changeover and service; sweeping; median clean up and spring maintenance. Asphalt plant opened April 11th so beginning on alley maintenance; point repairs; grinding and milling.

Response to Committee questions:

Seem to be fewer potholes, what is that attributed to? Use milling and inlay instead of patch to make more permanent repairs.

What type of street work in Rolling Green? Panel replacements, overlays and pedestrian ramps.

Whose jurisdiction is Williams Blvd from 16th Ave to Edgewood Rd? IDOT

5. **Update** – Sanitary Sewer Master Plan – *Sandy Pumphrey*

The project is generally still on schedule. Now that the modeling is complete and validated at a macro level, a long term Capital Improvement Plan (CIP) has been drafted and matched against available revenue streams. This balance of needs vs. available funds is being reviewed by staff to help optimize the long term plan for projects moving forward. Staff anticipates presenting a prioritized project list at a future Infrastructure Committee meeting. Staff's plan is to facilitate an annual update of the finalized Masterplan document in future years.

Response to Committee questions:

When was previous master plan developed? 1998

Is Plan looking at underserved areas or infiltration? Both, looks as I&I reduction plus replace/rehab existing structures. Plan considers EnvisionCR specified areas of anticipated growth.

Where does funding come from and what is cost? Long term plan costs about \$250M. Funding comes from sewer rates, about 3.5-4M for CIP.

Are FEMA Projects completed? They are all bid out.

6. **Update/Handout** – Middle Cedar WMA Formation and Upper Cedar WMA Progress – *Sandy Pumphrey*

The first board meeting of the newly formed Middle Cedar WMA was held March 30, 2016 in Vinton. The board was formed from representatives of the member entities present and officers were elected. Cara Matteson, our Stormwater Coordinator, was elected Vice-Chair. Term limits will be determined at the next meeting on June 30, 2016. An update on the HUD grant was also provided by Larry Weber from the Iowa Flood Center.

The Upper Cedar WMA has been formed since 2012, and currently has 25 member entities. The group appears to be well attended and be consistently active in the watershed. Funding implementation of practices on the ground, which have been identified in the Watershed Management Plan appeared to be a significant and ongoing challenge.

Response to Committee questions:

Who is the Chair? Supervisor from Benton County.

7. **Update** – Upcoming Utility Projects to be Filed – *Bruce Jacobs*

WPCF Odor Control Upgrades filing May 24th with Public Hearing on June 14th and filing July 26th for Raw Water Main Relocation with Public Hearing on August 9th. Water main work planned in conjunction with Paving for Progress projects or other Public Works projects provided.

Response to Committee questions:

Do odor control upgrades make a difference? Yes, it should improve and expand capacity.

Long-term problem? Development

8. **Public input**

No public input.

The meeting was adjourned at 5:00 p.m.

Respectfully submitted,
Kathy Holmes, Administrative Assistant, Public Works Department